ROCKBUSTER STEALTH

DATA DICTIONARY

BY: ANKITA BS

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1. Entity relationship diagram:

Rockbuster database has a snowflake schema as one fact table has dimension table which further has sub dimension tables.
Ex: Payment Table → Staff Table → Address Table → City Table→Country Table

2. Legend

🔑	Primary Key
🔑	Foreign Key

3. Facts Tables:

3.1 Payments Table

Column	Data Type	Description
Payment_id 🔑	Serial	Unique Identifier of Payment
Customer_id 🔑	Smallint	Unique Identifier of Customer
Staff_id 🔑	Smallint	Unique Identifier of Staff

Rental_id 🔑	Integer	Unique Identifier of Rental
Amount	Numeric(5,2)	Price of rental
Payment_date	Timestamp(6)without timezone	Date of the payment

3.2 Rental Table

Column	Data Type	Description
Rental_id 🔑	Serial	Unique Identifier of each Rental Transaction
Rental_date 🔑	Timestamp(6)without timezone	Date when the unit was rented
Inventory_id 🔑	Integer	Unique Identifier of Inventory
Customer_id 🔑	Smallint	Unique Identifier of Customer
Return_date	Timestamp(6)without timezone	Date when the unit was returned
Staff_id 🔑	Smallint	Unique Identifier of Staff
Last_update	Timestamp(6)without timezone	Date when last update was made

4. Dimension Table:

4.1 Customer Table

Column	Data Type	Description
Customer_id 🔑	Serial	Unique identifier of a customer
Store_id 🔑	Smallint	Unique identifier of a store
First_name	Character Varying(45)	First name of the customer
Last_name	Character Varying(45)	Last name of the customer
Email	Character Varying(50)	Email of the customer
Adress_id 🔑	Smallint	Adress of the customer
Activebool	Boolyan	Active or not
Create_date	Date	Date the customer was added
Last_update	Timestamp(6)without timezone	Date and time of record last updated
Active	Integer	Active or not

4.2 Staff Table

Column	Data Type	Description
Staff_id 🔑	Serial	Unique identifier of a staff
Store_id 🔑	Smallint	Unique identifier of a store
First_name	Character Varying(45)	First name of the staff
Last_name	Character Varying(45)	Last name of the staff
Email	Character Varying(50)	Email of the staff
Address_id 🔑	Smallint	Adress of the staff

Active	Boolyan	Active or not
User_name	Character Varying(16)	User_name of the staff
Password	Character Varying(40)	Password of the staff
Last_update	Timestamp(6)without timezone	Date and time of record last updated

4.3 Store Table

Column	Data Type	Description
Store_id 🔑	Serial	Unique identifier of a store
Manager_staff_id 🔑	Smallint	Unique identifier of the store manager
Address_id 🔑	Smallint	Adress of the store
Last_update	Timestamp(6)without timezone	Date and time of record last updated

4.4 Address Table

Column	Data Type	Description
Address_id 🔑	Serial	Unique identifier of an address
Address	Character Varying(50)	Adress details
Address2	Character Varying(50)	Extra address details
District	Character Varying(20)	Name of the district
City_id 🔑	Smallint	Unique identifier of a city
Postal_code	Character Varying(10)	Postal code details
Phone	Character Varying(20)	Postal code details
Last_update	Timestamp(6)without timezone	Date and time of record last updated

4.5 City Table

Column	Data Type	Description
City_id 🔑	Serial	Unique identifier of a city
City	Character Varying(50)	Name of the city
Country_id 🔑	Smallint	Unique identifier of a country
Last_update	Timestamp(6)without timezone	Date and time of record last updated

4.6 Country Table

Column	Data Type	Description
Country_id 🔑	Serial	Unique identifier of a country
Country	Character Varying(50)	Name of the country
Last_update	Timestamp(6)without timezone	Date and time of record last updated

4.7 Film_Category Table

Column		Data Type	Description
Film_id	🔑🔑	Smallint	Unique identifier of a film
Category_id	🔑🔑	Smallint	Unique identifier of a category
Last_update		Timestamp(6)without timezone	Date and time of record last updated

4.8 Category Table

Column		Data Type	Description
Category_id	🔑	Serial	Unique identifier of a category
Name		Character Varying (25)	Name of the category
Last_update		Character Varying (25)	Date and time of record last updated

4.9 Inventory Table

Column		Data Type	Description
Inventory_id	🔑	Serial	Unique identifier of an inventory
Film_id	🔑	Smallint	Unique identifier of a film
Store_id	🔑	Smallint	Unique identifier of a store
Last_update		Timestamp(6)without timezone	Date and time of record last updated

4.10 Film Table

Column		Data Type	Description
Film_id	🔑	Serial	Unique identifier of a film
Title		Character Varying(255)	Title of the movie
Description		TEXT	Description of the movie
Release_year		Year	Year that the movie came out
Language_id	🔑	Smallint	Unique identifier of the language
Rental_duration		Smallint	How long the movie has been rented
Rental_rate		Numeric(4,2)	Data of rental occurred
Length		Smallint	Duration of the movie
Replacement_cost		Numeric(5,2)	Costs to replace the rental movie
Rating		Mpaa_rating	Which age groups can watch the movie

Last_update	Timestamp(6)without timezone	Date and time of record last updated
Special_features	Text[]	Special features of the movie
Fulltext	TSVECTOR	Text of the movie

4.11 Language Table

Column	Data Type	Description
Language_id 🔑	Serial	Unique identifier of the language
Name	Character (20)	Name of the language
Last_update	Timestamp(6)without timezone	Date and time of record last updated

4.12 Film Actor Table

Column	Data Type	Description
Actor_id 🔑🔑	Smallint	Unique identifier of the actor
Film_id 🔑🔑	Smallint	Unique identifier of the film
Last_update	Timestamp(6)without timezone	Date and time of record last updated

4.13 Actor Table

Column	Data Type	Description
Actor_id 🔑	Serial	Unique identifier of the actor
First_name	Character Varying(45)	First name of the actor
Last_name	Character Varying(45)	Last name of the actor
Last_update	Timestamp(6)without timezone	Date and time of record last updated